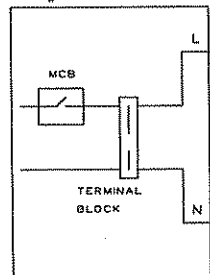


REV. NO.	REV. DATE	REV. DESCRIPTION	REV. BY	REV. DATE	REV. DESCRIPTION	REV. BY	REV. DATE	REV. DESCRIPTION	REV. BY	REV. DATE	REV. DESCRIPTION
01	01/02/01	01	01/02/01	01	01/02/01	01	01/02/01	01	01/02/01	01	01/02/01

220VAC/127VAC
AC DISTRIBUTION BOARD
DWG # CD-321520



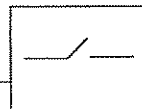
TERMINAL BLOCK

2 POLE MCB 6A

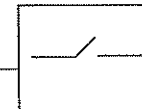
120VAC OUTLET



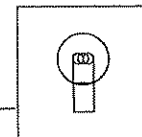
FRONT DOOR SWITCH



BACK DOOR SWITCH

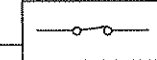


LAMP

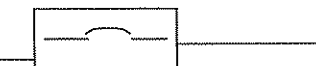


AT HEATER

THERMOSTAT

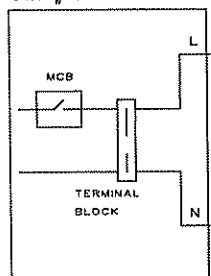


OVER RIDE SWITCH



2

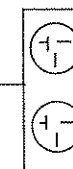
220VAC INPUT
AC DISTRIBUTION BOARD
DWG # CD-321520



TERMINAL BLOCK

2 POLE MCB 6A

220VAC OUTLET



NOTES

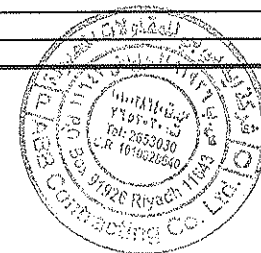
- AC DISTRIBUTION BOARD DRAWING NUMBER TO BE IDENTIFIED AT SITE.
- PANEL HAS PROVISION FOR BOTH 127VAC & 220VAC CONNECTION AS WELL. CONNECTION CAN BE MADE DEPENDING ON AVAILABILITY.
- BUT THE S/S PRIMARY AC VOLTAGE SHOULD BE IDENTIFIED.

LEGEND

- MCB - MINIATURE CIRCUIT BREAKER
- AT - HEATER - ANTI CONDENSATION HEATER

REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
DRAWING CONTROL SHEET	CD-320880



AS-BUILT BY _____ DATE _____

REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT.	APPD
1	13/07	MRA	DETAIL DESIGN	MRA	AS	
0	12/01	MRA	BASE DESIGN	MRA	AS	

الشركة السعودية للكهرباء
Saudi Electricity Company

DRAWN BY: MRA CHECKED BY: AS SCALE: NONE
DATE STARTED: _____ DATE COMPLETED: _____
OPR'G. DEPT.: _____ ENO. DEPT.: _____

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED
APPROVAL/CERTIFICATION INFORMATION
DOC NO. E-123456 REV. NO. 00

127VAC/220VAC SINGLE LINE DIAGRAM

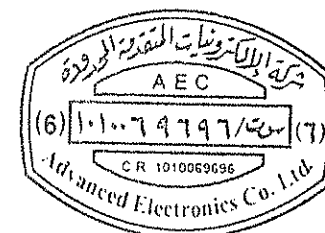
S/S 8162

RIYADH SAUDI ARABIA

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO. REV. NO.
11131113/00	P	C469	CD-320752	01 of 02 01

SED CAD-A 12004/031
(04/03) [VECTOR]

MANUFACTURER NAME	DRAWING NO.	SHEET NO.	REV. NO.
AEC	CD-320752	01 OF 02	01



JOB ORDER NO.	1113113/00
REV. NO.	01
SHEET NO.	02 OF 02
DRAWING NO.	CD-320752
PLANT NO.	C469
INDEX	P
REVISION	

125VDC
DC DISTRIBUTION BOARD
DWG # CD-321524

TERMINAL BLOCKS

2 POLE DC MCB 2A

125VDC DC/24VDC CONVERTER

PANEL PC

DIGITAL INPUT/
OUTPUT BOARD

RS232/RS485 CONVERTER

NOTE 3

GSM MODULE

PQ METER

NOTE 2

BISTABLE RELAY

NOTES

1. AC DISTRIBUTION BOARD DRAWING NUMBER TO BE IDENTIFIED AT SITE.
2. BISTABLE RELAY PRESENT ONLY FOR METER SWITCHING
3. TO BE CONNECTED ONLY IF PSTN IS NOT AVAILABLE IN S/S AS BACK UP TO LAN COMMUNICATION

LEGEND

COM - SERIAL PORT
DP - DIAL UP PORT
LP - LAN PORT

PANEL PC - INDUSTRIAL PANEL PC MODEL APC-3515
BISTABLE RELAY - BI-STABLE RELAY RXMB2
DC/DC CONVERTER - C-CAN, HFR24/50-125
PQ METER - POWER QUALITY, SEL 734P

REFERENCE DRAWINGS

DRAWING TITLE	DRAWING NO.
DRAWING CONTROL SHEET	CD-320880



AS-BUILT BY _____ DATE _____

REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT.	APPD.
1	13/07	MRA	DETAIL DESIGN	MRA	AS	
0	12/01	MRA	BASE DESIGN	MRA	AS	

الشركة السعودية للكهرباء
Saudi Electricity Company

DRAWN BY: MRA CHECKED BY: AS SCALE: NONE
DATE STARTED: _____ DATE COMPLETED: _____
OPRD. DEPT.: _____ ENG. DEPT.: _____

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED
APPROVAL/CERTIFICATION INFORMATION
DOC NO. E-123456 REV. NO. 00

125VDC SINGLE LINE DIAGRAM

S/S 8162

RIYADH SAUDI ARABIA

JOB ORDER NO.	INDEX	PLANT NO.	DRAWING NUMBER	SHEET NO.	REV. NO.
1113113/00	P	C469	CD-320752	02 of 02	01

SEP CAD-A 12004/031
[BMP] [VECTOR]

MANUFACTURER NAME
AEC
DRAWING NO.
CD-320752
SHEET NO.
02 OF 02
REV. NO.
01

